

## METHOD FOR 3' END-LABELING RIBONUCLEIC ACIDS

### ABSTRACT OF THE INVENTION

- 5           Methods of end-labeling ribonucleic acids with non-radioactively labeled ribonucleotides, and particularly fluorescently labeled ribonucleotides, are provided. In the subject methods, a ribonucleic acid is contacted with a non-radioactively labeled ribonucleotide in the presence of a prokaryotic, usually bacterial, poly(A) polymerase under conditions sufficient for covalent bonding of the labeled ribonucleotide to the 3'
- 10   end of the ribonucleic acid to occur. Also provided are kits for practicing the subject method. The subject methods and kits find use in a variety of applications where labeling of the 3' end of a ribonucleic acid with a non-radioactive label, particularly a fluorescent label, is desired.